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OM Protein - Protein search, using sw model

Run on:

July 29, 2003, 10:41:24 ; Search time 0.001 Seconds

(without alignments)
4.144 Million cell updates/sec

Title: us-09-606-129a-16
Perfect score: 37
Sequence: 1 KKRKXHC 7

Scoring table: BLOSUM62DX
Gapop 10.0 , Gapext 0.5

Searched: 2 seqs, 592 residues
All number of hits satisfying chosen parameters: 2

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 2 summaries

Database : ramirez129.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	37	100.0	296	1	US-09-606-129A-1 Sequence 1, Appli
2	37	100.0	296	1	US-09-606-129A-3 Sequence 3, Appli

ALIGNMENTS

QY 1 KKRKXHC 7
US-09-606-129A-3
; Sequence 3, Application US/09606129A
; GENERAL INFORMATION:
; APPLICANT: Maines, Mahin D.
; TITLE OF INVENTION: METHODS OF USING BILIVERDIN REDUCTASE AND SUCH
; TITLE OF INVENTION: FRAGMENTS AND VARIANTS
; FILE REFERENCE: 176/60792
; CURRENT APPLICATION NUMBER: US/09/606, 129A
; CURRENT FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/141, 309
; PRIOR FILING DATE: 1999-06-28
; PRIOR APPLICATION NUMBER: 60/163, 223
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 296
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-606-129A-3

RESULT 2
US-09-606-129A-3
; Sequence 3, Application US/09606129A
; GENERAL INFORMATION:
; APPLICANT: Maines, Mahin D.
; TITLE OF INVENTION: METHODS OF USING BILIVERDIN REDUCTASE AND SUCH
; TITLE OF INVENTION: FRAGMENTS AND VARIANTS
; FILE REFERENCE: 176/60792
; CURRENT APPLICATION NUMBER: US/09/606, 129A
; CURRENT FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/141, 309
; PRIOR FILING DATE: 1999-06-28
; PRIOR APPLICATION NUMBER: 60/163, 223
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 296
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-606-129A-3

Query Match 100.0%; Score 37; DB 1; Length 296;
Best Local Similarity 85.7%; Pred. No. 0;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
Job time : 0.001 secs
QY 1 KKRKXHC 7
Db 275 KKRKXHC 281

Query Match 100.0%; Score 37; DB 1; Length 296;
Best Local Similarity 85.7%; Pred. No. 0;
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

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OM protein - protein search, using sw model
Run On: July 29, 2003, 10:42:14 ; Search time 0.001 Seconds

4.736 Million cell updates/sec
Title: us-09-606-129a-17
Perfect score: 28
Sequence: 1 QKXCXXXK 8

Scoring table: BLOSUM62DX
Gapop 10.0 , Gapext 0.5
Searched: 2 seqs., 592 residues

Total number of hits satisfying chosen parameters: 2

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 2 summaries

Database : ramirez129.pep:*

Pred. No. 1s the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Length	DB ID	Description
1	28	100.0	296 1 US-09-606-129A-1	Sequence 1, Appli
2	28	100.0	296 1 US-09-606-129A-3	Sequence 3, Appli

ALIGNMENTS

RESULT 1
us-09-606-129A-1
Sequence 1, Application US/09606129A
GENERAL INFORMATION:
APPLICANT: Maines, Mahin D.
TITLE OF INVENTION: BILIVERDIN REDUCTASE FRAGMENTS AND VARIANTS, AND METHODS OF USING BILIVERDIN REDUCTASE AND SUCH
TITLE OF INVENTION: METHODS OF USING BILIVERDIN REDUCTASE AND SUCH
FILE REFERENCE: 176/60792
CURRENT APPLICATION NUMBER: US/09/606.129A
CURRENT FILING DATE: 2000-06-28
PRIORITY NUMBER: 60/141,309
PRIORITY FILING DATE: 1999-06-28
NUMBER OF SEQ ID NOS: 37
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO: 3
LENGTH: 296
TYPE: PRT
ORGANISM: Homo sapiens
US-09-606-129A-3

Qy 1 QKXCXXXK 8
||:|:|:|:|
Db 289 OKCCSRK 296

RESULT 2
us-09-606-129A-3
Sequence 3, Application US/09606129A
GENERAL INFORMATION:
APPLICANT: Maines, Mahin D.
TITLE OF INVENTION: BILIVERDIN REDUCTASE FRAGMENTS AND VARIANTS, AND METHODS OF USING BILIVERDIN REDUCTASE AND SUCH
TITLE OF INVENTION: METHODS OF USING BILIVERDIN REDUCTASE AND SUCH
FILE REFERENCE: 176/60792
CURRENT APPLICATION NUMBER: US/09/606.129A
CURRENT FILING DATE: 2000-06-28
PRIORITY NUMBER: 60/141,309
PRIORITY FILING DATE: 1999-06-28
NUMBER OF SEQ ID NOS: 37
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO: 3
LENGTH: 296
TYPE: PRT
ORGANISM: Homo sapiens
US-09-606-129A-3

Query Match 100.0%; Score 28; DB 1; Length 296;
Best Local Similarity 50.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;
Job time : 0.001 secs

Qy 1 QKXCXXXK 8
||:|:|:|:|
Db 289 OKCCSRK 296

Query Match 100.0%; Score 28; DB 1; Length 296;
Best Local Similarity 50.0%; Pred. No. 0; Mismatches 0; Indels 0; Gaps 0;
Matches 4; Conservative 4; Mismatches 0; Indels 0; Gaps 0;
SEQUENCE: US-09-606-129A-1
TYPE: PRT
ORGANISM: Homo sapiens